

Josia John

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Education

since 2023 **Bachelor in Computer Science, ETH Zurich**

Grade Average: 5.78

Notable Courses:

- Advanced Graph Algorithms and Optimization (Masters Subject): 6
- Algorithms, Probability, and Computing: 6
- Algorithms with Predictions (Seminar): 6
- Algorithmen und Datenstrukturen: 6
- Algorithmen und Wahrscheinlichkeit: 6

2019–2023 **Bilingual Matura, Kantonsschule Im Lee, Winterthur**

Grade: 5.5

Achievements

2019–2023 **Olympiads in Informatics**

- Gold medals at the Swiss Olympiad in Informatics in the years 2021, 2022, 2023
- Bronze medal at the International Olympiad in Informatics in the year 2022

2023 **Matura Project, The Developing and Testing of a Software to Help the Search for Exoplanets**

Awarded with the **Rieter-Preis** by the Johann Jacob Rieter-Stiftung.

2022 **Jugendförderpreis, Stadt Illnau-Effretikon**

Projects

- A software to search for variable stars and exoplanets in image-series:

<https://github.com/josia-john/ExoScanner>

- A mini operating system / bootloader:

<https://github.com/josia-john/jOSia>

- Currently writing Bachelor Thesis:
Solving Approximate Label Set Selection

Hobbies

- Astrophotography: <https://jllabs.ch/astrogallery.html>
- French Horn in a classical orchestra
- Leader at the Swiss Olympiad in Informatics